



JPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 3762

In re

Patent Application of

Edward J. Coleman, et al.

Application No. 10/829,573

Confirmation No.: 6731

Filed: April 22, 2004

Examiner: Jastrzab, Jeffrey R.

"IMPLANTABLE CARDIAC ASSIST
DEVICE"

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(c)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of which are attached. This Statement is also being accompanied by a check in payment of the \$180.00 fee required under 37 CFR §1.17(p). Please charge or credit Deposit Account No. 50-0842 with any shortage or overpayment of the required fee.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

02/14/2005 AHONDAF1 00000075 10829573

01 FC:1806

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File No. 021587-9001-02
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I, Leslie Rector, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

Signature *Leslie Rector*

Date of Signature *February 8, 2005*

Respectfully submitted,

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(Rev. 2-92)

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 Examiner Name: Jastrzab, Jeffrey R.
 Attorney Docket Number: 021587-9001

(Use as many sheets as necessary)
 Sheet 1 of 1

U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
	AA	US-4,902,291	02-20-1990	KOLFF	All
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	AC	US-5,119,804	06-09-1992	ANSTADT	All
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	AF	US-5,250,167	10-05-1993	ADOLF et al.	All
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FOREIGN PATENT DOCUMENTS

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Sheet 1 of 5**NON PATENT LITERATURE DOCUMENTS**

EXAMINER INITIALS*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	✓ if English translation provided
	BC	ABIOMED , 25 web pages, beginning with article, "Ky. Patient gets artificial heart," from <u>www.abiomed.com</u> on 7/3/2001.	
	BD	ABIOMED , Annual Report, 27 pages from <u>www.abiomed.com</u> on 3/15/2001.	
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	BG	ANSTADT , G. L., et al., "Prolonged circulatory support by direct mechanical ventricular assistance," <i>Trans. Amer. Soc. Artif. Int. Organs</i> , Vol. XII, pp. 72-79 (1966).	
	BH	AURICCHIO , Angelo, et al., "Cardiac resynchronization therapy: current state of the art," <i>Circulation</i> , 109:300-307 (2004).	
	BI	BAR-COHEN , Y., et al., "Electro-active polymer (EAP) actuators for planetary applications," SPIE No. 3669-05, pp. 1-6 (1999).	
	BJ	BENCINI , Adriano, et al., "The "pneumomassage" of the heart," <i>Surgery</i> , 39:3, pp. 375-384 (Mar. 1956).	
	BK	BONSOR , Kevin, "How artificial hearts work," 3 pages from <u>www.howstuffworks.com</u> on 6/13/2002.	
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	BN	BURNS , W. H., et al., "Hemodynamic studies with a new pulsatile pump," <i>Trans. Amer. Soc. Artif. Int. Organs</i> , Vol. XI, pp. 65-67 (1965).	
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	BR	DELGADO , Diego H., "Mechanical circulatory assistance," <i>Circulation</i> , 106:2046-2050 (2002).	
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	BY	FAUBER , John, "A helping hand for ailing hearts," Milwaukee J. Sentinel, 4 pages, Aug. 26, 2004, from www.jsonline.com .	
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	CA	FORMAN , David, "Companies use trials to prove marketability," <i>Smalltimes</i> , p. 40, Sep./Oct. 2002.	
	CB	FRAZIER , O. H., et al., "Initial clinical experience with the Jarvik 2000 implantable axial-flow left ventricular assist system," <i>Circulation</i> , 105:2855-2860 (2002).	
	CC	HALL , Stephen S., "Brain Pacemakers," <i>Technology Review</i> , pp. 34-43 (Sept. 2001).	
	CD	HENDRY , Paul J., et al., "Implantation technique for the Heartsaver Left Ventricular Assist Device," <i>Op Techniq Thorac Cardiovasc Surg</i> , 7:3,152-157 (Aug. 2002).	
	CE	HILL , J. Donald, "Implantation of the Thoratec Ventricular Assist Device," <i>Op Techniq Thorac Cardiovasc Surg</i> , 7:3,158-170 (Aug. 2002).	
	CF	HUANG , Gregory T., "Electroactive polymers," <i>Technology Review</i> , p. 32 (Dec. 2002/Jan. 2003).	

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Sheet 3 of 5

CG	JOHNSON , R. Colin, "Robot researchers get some hints from nature," <i>Electronic Engineering Times</i> , p. 57 (Sept. 9, 2002).
CH	KAROUB , Jeff, "'Stentennas' could signal change in monitoring arteries," <i>Smalltimes</i> , pp. 57 (Mar/Apr 2004).
CI	KAROUB , Jeff, "Biotech meets small tech," 2 pages., no publication info available, no date.
CJ	KESHAVARZI , A, et al., "Blood pressure, pulse rate, and rhythm measurement using ionic polymer-metal composites sensors," SPIE, 3669:369-376 (March 1999).
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CL	MAGOVERN , James A., et al., "Implantation of the TandemHeart Percutaneous Left Ventricular Assist Device," <i>Op Techniq Thorac Cardiovasc Surg</i> , 7:3, 112-119 (Aug. 2002).
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CS	NOON , George P., et al., "Implantation of the MicroMed DeBakey VAD," Michael E. DeBakey Dept Surg, DV Transpl & Assist Devices, Baylor, Houston, TX, Elsevier Science (USA), 1522-2942/02/0703-0000, pp. 126-138 (2002).

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	DH	VINEBERG , Arthur, "Short communications: mechanical heart massager," <i>Canad. M.A.J.</i> , Vol. 77, pp. 495-498 (Sep. 1, 1957).	
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	DJ	WECHSLER , Andrew S., et al., Editorial, "Video comes to the Journal," <i>J Thorac Cardiovasc Surg</i> , 124:5, pp. 884-885 (Nov. 2002).	
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